

General Offices/3M

3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110

MATERIAL SAFETY DATA SHEET



DIVISION: ADHESIVES, COATINGS AND SEALERS
TRADE NAME: SCOTCH-WELD(TM) DP-190 Part B Gray Epoxy
Adhesive
3M I.D. NUMBER: 62-3553-0000-0
ISSUED: JANUARY 20, 1986
SUPERSEDES: NOVEMBER 13, 1985
DOCUMENT: 10-3348-9

1. INGREDIENTS		C.A.S. NO.	PERCENT	EXPOSURE LIMITS	
epoxy resin		N/A		N/D	5
aluminum silicate pigment		N/A		N/D	5
TOTAL OF THE ABOVE		N/A	100.0	N/D	5

SOURCE OF EXPOSURE LIMIT DATA:
1. ACGIH Threshold Limit Values
2. Federal OSHA Permissible Exposure Limit
3. 3M Exposure Guidelines
4. Chemical Manufacturer Recommended Guidelines
5. None Established

ABBREVIATIONS:
N/D - Not Determined
N/A - Not Applicable

2. PHYSICAL DATA	
BOILING POINT:	N/A
VAPOR PRESSURE:	N/A
VAPOR DENSITY (Air=1):	N/A
EVAPORATION RATE (Ether=1):	N/A
APPEARANCE AND ODOR:	White cream paste - very slight odor
SOLUBILITY IN WATER:	Nil
SP. GRAVITY (Water=1):	1.33
PERCENT VOLATILE:	0
VISCOSITY:	100,000 cps
pH:	N/A

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3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Closed Cup): >200F

FLAMMABLE LIMITS - LEL: N/A UEL: N/A

EXTINGUISHING MEDIA:

CO2, foam, dry chemical, water

SPECIAL FIRE FIGHTING PROCEDURES:

Fire fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None.

4. REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:

N/A

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO2 and smoke particles when subjected to excessive heat or flame.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Observe precautions in all sections. Collect spilled material. Clean up residue and area, place residue in metal container and seal (U.S. Dept. of Transportation approved if waste will be shipped).

RECOMMENDED DISPOSAL:

Since regulations vary, consult applicable regulations or authorities before disposal.

TWO PART SYSTEM: Combined parts (B and A), when fully cured, may be disposed in a sanitary landfill per regulations.

MAJOR SPILLS: Dispose of cleanup material by incineration in an industrial or commercial incineratory. Fully cured material and empty containers may be disposed in a sanitary landfill per regulations.

ENVIRONMENTAL DATA:

N/D

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6. SUGGESTED FIRST AID

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EYE CONTACT:

Immediately flush eyes with plenty of water for at least 10 minutes
and call a physician.

SKIN CONTACT:

Wash thoroughly with soap and water.

INHALATION:

Provide fresh air.

IF SWALLOWED:

Drink two glasses of milk or water and call a physician.

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7. PRECAUTIONARY INFORMATION

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FOR INDUSTRIAL USE ONLY. Avoid prolonged breathing of vapor. Use
only in well ventilated areas. Prevent contact with eyes and skin.
Avoid inhalation of, or eye contact with, dust from grinding and
sawing operations on the cured material. Keep container closed when
not in use. Keep out of reach of children.

NOTE: Utilize personal protective equipment when handling this
product, i.e. impervious gloves and chemical goggles or face shield,
whichever is most appropriate in the work situation. Wash
contaminated clothing before reuse. Provide local exhaust

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8. HEALTH HAZARD DATA

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EYE CONTACT: May be irritating to eyes upon direct contact.

SKIN CONTACT: Prolonged or repeated contact may cause irritation.
May cause skin sensitization in certain individuals.

INHALATION: Vapors may be irritating to the respiratory system.

INGESTION: May cause gastrointestinal irritation.

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The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.